## WEST Search History for Application 10551717

Creation Date: 2008101514:40

| Query   | DB                                    | Op. | Plur. | Thes. | Date       |
|---|---------------------------------------|-----|-------|-------|------------|
| tak-1 or tak1                                 | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| tgf-beta activate kinase                      | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| osteogenesis                                  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| bone  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| smad  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| bone repair                                   | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| 514/44.ccls.                                  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| (tak-1 or tak1 ) near (smad )                 | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| (tak-1 or tak1 near smad ) and (514/44.ccls,  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| (tak-1 or tak1 ) with (bone repair )          | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| (tak-1 or tak1 ) and (bone repair )           | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| (tak-1 or tak1 ) and (osteogenesis )          | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| (smad ) and (tak-1 or tak1 and osteogenesis ) | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| (bone repair ) same (tak-1 or tak1 )          | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| (osteogenesis ) same (tak-1 or tak1 )         | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |
| antisense or anti-sense                       | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES   |       | 03-03-2008 |

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| (tak-1 or tak1 ) same (antisense or anti-sense )                     | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 03-03-2008 |
|--|---------------------------------------|-----|-----|------------|
| sirna or sina or irna or rnai  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 03-03-2008 |
| (tak-1 or tak1 ) same (sirna or sina or irna or rnai )               | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 03-03-2008 |
| (bone repair ) and (tak-1 or tak1 same antisense or anti-sense )     | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 03-03-2008 |
| (osteogenesis ) and (tak-1 or tak1 same<br>antisense or anti-sense ) | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 03-03-2008 |
| bone and (tak-1 or tak1 same antisense or anti-sense)                | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 03-03-2008 |
| amk-1 or amk1  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 03-03-2008 |
| (osteogenesis ) and (amk-1 or amk1 )                                 | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 03-03-2008 |
| (bone repair) and (amk-1 or amk1)                                    | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 03-03-2008 |
| bone and (bone repair and amk-1 or amk1)                             | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 03-03-2008 |
| tak-1 or tak1  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| tgf,beta. activated kinase   | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| tgf adj beta adj activated kinase                                    | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| smad   | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| osteogenesis   | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| osteopotential   | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| bone repair  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| (tak-1 or tak1 ) with 13L6   | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| (tak-1 or tak1 ) with (smad )  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |

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| lw tih (smad )  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
|---|---------------------------------------|-----|-----|------------|
| 3L10  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| (osteogenesis ) or (osteopotential ) or (bone repair )                          | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| (3L10) and (osteogenesis or osteopotential or bone repair)                      | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| (osteogenesis or osteopotential or bone repair ) and (tak-1 or tak1 with smad ) | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| (smad ) with (lw tih smad )   | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| (tgf adj beta adj activated kinase ) with (smad )                               | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| (tak-1 or tak1 ) and I9L16  | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| (tak-1 or tak1 and l9L16)   | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |
| (tak-1 or tak1 ) and (tak-1 or tak1 with smad ) $$                              | PGPB, USPT, USOC,<br>EPAB, JPAB, DWPI | ADJ | YES | 09-15-2008 |